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Dated: May 27, 2005 Signature: Judith A. Herrick  
(Judith A. Herrick)

Docket No.: SION-P01-030  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Miller *et al.*

Application No.: 10/684,332

Confirmation No.: 9247

Filed: October 10, 2003

Art Unit: 2881

For: NOX MONITOR USING DIFFERENTIAL  
MOBILITY SPECTROMETRY

Examiner: Vanore, David A.

**RESPONSE TO NOTICE REGARDING DRAWINGS**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Responsive to the Notice Regarding Drawings dated May 6, 2005, Applicants herewith file a copy of the replacement drawings (11 pages, Figures 1A through Fig. 13) that were originally filed on March 16, 2004 to replace the originally filed drawings.

On May 25, 2005, a representative from our office spoke with Clifton Randolph, Draftsperson, and it was confirmed that replacement drawings were previously received on March 18, 2004. Applicants are filing the drawings again to insure that all formalities are met and the replacement drawings are now acceptable.

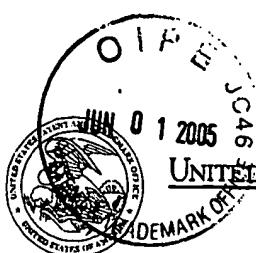
Applicants believe no other fees are due with this response. However, if a fee is due, please charge our Deposit Account No. 18-1945, under Order No. SION-P01-030 from which the undersigned is authorized to draw.

Dated: May 27, 2005

Respectfully submitted,

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## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/684,332	10-10-2003	RAANAN A. MILLER	SION-POI-030

ROPS & GRAY LLP  
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BOSTON, MA 02110-2624

Examiner  
VANORE, DAVID A

Art Unit 2881 Paper Number  
# \_\_\_\_\_

Date Mailed:  
5-6-2005

### Notice Regarding Drawings

Corrected drawings for the above-identified application, received in the USPTO on 10-10-2003, are still not acceptable for the reason(s) identified on the attached PTO-948. Applicant is given one opportunity to correct the informalities within a two month time period from the mailing date of this Notice. **THIS TIME PERIOD IS NOT EXTENDABLE UNDER EITHER 37 CFR 1.136(a) OR 1.136(b).** Failure to take corrective action within the set period will result in abandonment of the application.

ATTACHMENT: PTO-948 Notice of Draftsperson's Patent Drawing Review

CHARLES FUNN

Office of Patent Publication,  
Publishing Division  
703-305-0333 EXT. 139

*BB*  
Ropes & Gray  
Symbol #: SION-POI-030  
Action Due: *Resp. to Notice re Drawings*  
Deadline(s): *06 Jun 2005 / 06 Jul 2005*  
*Final*

Ropes & Gray

MAY 12 2005

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Form PTO-948 (Rev. 06/03)  
Application No. 10/684332

JUN 01 2005

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office



## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 10-10-2003 are:

A.  approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
B.  objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

<p><b>1. DRAWINGS.</b> 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).</p> <p><input type="checkbox"/> Color drawings are not acceptable until petition is granted. Fig(s) _____</p> <p><input type="checkbox"/> Pencil and non black ink not permitted. Fig(s) _____</p>	<p><b>8. ARRANGEMENT OF VIEWS.</b> 37 CFR 1.84(i)</p> <p><input type="checkbox"/> Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____</p>
<p><b>2. PHOTOGRAPHS.</b> 37 CFR 1.84(b)</p> <p><input type="checkbox"/> One (1) full-tone set is required. Fig(s) _____</p> <p><input type="checkbox"/> Photographs may not be mounted. 37 CFR 1.84(e)</p> <p><input type="checkbox"/> Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) _____</p> <p><input type="checkbox"/> Poor quality (half-tone). Fig(s) _____</p>	<p><b>9. SCALE.</b> 37 CFR 1.84(k)</p> <p><input type="checkbox"/> Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____</p>
<p><b>3. TYPE OF PAPER.</b> 37 CFR 1.84(e)</p> <p><input type="checkbox"/> Paper not flexible, strong, white, and durable. Fig(s) _____</p> <p><input type="checkbox"/> Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____</p>	<p><b>10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS.</b> 37 CFR 1.84(l)</p> <p><input checked="" type="checkbox"/> Lines, numbers &amp; letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) <u>1-12</u></p>
<p><b>4. SIZE OF PAPER.</b> 37 CFR 1.84(f): Acceptable sizes:</p> <p>21.0 cm by 29.7 cm (DIN size A4) or 21.6 cm by 27.9 cm (8 1/2x 11 inches)</p> <p><input type="checkbox"/> All drawing sheets not the same size. Sheet(s) _____</p> <p><input type="checkbox"/> Drawings sheets not an acceptable size. Fig(s) _____</p>	<p><b>11. SHADING.</b> 37 CFR 1.84(m)</p> <p><input type="checkbox"/> Solid black areas pale. Fig(s) _____</p> <p><input type="checkbox"/> Solid black shading not permitted. Fig(s) _____</p>
<p><b>5. MARGINS.</b> 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm</p> <p><input type="checkbox"/> Margins not acceptable. Fig(s) _____</p> <p><input type="checkbox"/> Top (T)      Left (L) Right (R)      Bottom (B)</p>	<p><b>12. NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS.</b> 37 CFR 1.84(p)</p> <p><input checked="" type="checkbox"/> Numbers and reference characters not plain and legible. Fig(s) <u>1-12</u></p> <p><input checked="" type="checkbox"/> Figure legends are poor. Fig(s) <u>1-12</u></p> <p><input type="checkbox"/> Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____</p> <p><input type="checkbox"/> English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____</p> <p><input checked="" type="checkbox"/> Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) <u>1-12</u></p>
<p><b>6. VIEWS.</b> 37 CFR 1.84(h)</p> <p>REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.</p> <p><input checked="" type="checkbox"/> Views not labeled separately or properly. Fig(s) <u>2,3,4,5,6</u></p>	<p><b>13. LEAD LINES.</b> 37 CFR 1.84(q)</p> <p><input type="checkbox"/> Lead lines missing. Fig(s) _____</p>
<p><b>7. SECTIONAL VIEWS.</b> 37 CFR 1.84(h)(3)</p> <p><input type="checkbox"/> Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____</p>	<p><b>14. NUMBERING OF SHEETS OF DRAWINGS.</b> 37 CFR 1.84(t)</p> <p><input type="checkbox"/> Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) _____</p>
	<p><b>15. NUMBERING OF VIEWS.</b> 37 CFR 1.84(u)</p> <p><input type="checkbox"/> Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____</p>
	<p><b>16. DESIGN DRAWINGS.</b> 37 CFR 1.152</p> <p><input type="checkbox"/> Surface shading shown not appropriate. Fig(s) _____</p> <p><input type="checkbox"/> Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) _____</p>

### COMMENTS:

Reviewer

If you have questions, call (703) 305-8404.

Date 5-5-2005  
Attachment to Paper No. \_\_\_\_\_